

Amendment to the Claims

1. (Newly amended) A giving set cap providing fluid communication between two vessels, comprising a delivery tube having a channel for delivering fluid from a first vessel to a second, and a subsidiary channel for the delivery of a different material to said first or second vessel, characterized in that the cap has an inlet delivering fluid from said first or second vessel through the main channel, the inlet being spaced at a sufficient distance from an outlet of the subsidiary channel to allow mixing of the different material with said fluid prior to delivery to said other vessel and that an inlet of the subsidiary channel is adapted to receive a needleless syringe.
2. (Newly amended) A giving set cap as claimed in claim 1, wherein the outlet of the subsidiary channel is spaced at least ten millimeters from the inlet of the main channel.
3. (Now amended) A giving set cap as claimed in claim 2 wherein the outlet of the subsidiary channel is spaced at least twenty millimeters from the inlet of the main channel .
4. (Previously Cancelled)
5. (Again amended) A giving set cap as claimed in claim 1 further comprising connector means allowing attachment of the cap to a giving set chamber.
6. (Again amended) A giving set cap as claimed in claim 1 further comprising puncturing means for attaching~~ment~~ of the cap to an intravenous bag ~~or container~~.
7. (Again amended) A giving set cap as in claim 6 wherein one end of the delivery tube is tapered to provide piercing means.
8. (Cancelled)

9. (Again amended) A giving set cap as claimed in claim 5 wherein the main channel of the delivery tube extends through connector means.
10. (Currently amended) A giving set cap as claimed in claim 1 wherein the main channel is provided with at least two inlets.
11. (Original form) A giving set cap as claimed in claim 10 wherein the main channel is provided with three inlets.
12. (Now currently amended) A giving set cap as claimed in claim 5 wherein at least one outlet for the delivery tube is provided in the connector means.
13. (Now currently amended) A giving set cap as claimed in claim 5 wherein at least one inlet for the subsidiary channel is provided in the connector means.
14. (Currently amended) A giving set cap as claimed in claim 1 wherein the inlet of the subsidiary channel is provided with a detachable cover.
15. (Now currently amended) A giving set cap as claimed in claim 1 wherein the inlet of the subsidiary channel is provided with an adapter having means for its temporary attachment to the inlet, a passage therethrough to act as an air vent and a detachable cap .
16. (Amended) A giving set cap as claimed in claim 13 wherein the adapter has a male or female member for mating with a complementary member on the inlet.
17. (Amended) A giving set cap as claimed in claim 14 wherein the adapter has an inner tube for inserting within the inlet and a threaded region for engagement with outer sides of the inlet.
18. A giving set cap as claimed in claim 15 wherein an air-permeable membrane is provided across the passage of the adapter.

19. (Currently amended) A giving set cap as claimed in claim 15 wherein the cap is hingedly mounted with respect to the adapter.
20. (Original) A giving set cap as claimed in claim 13 wherein a vented Luer lock cap comprises the adapter.
21. (Currently amended) A giving set cap as claimed in claim 5 wherein the inlet of the subsidiary channel is provided in one side of the connector means.
22. A giving set cap as claimed in claim 1 wherein the subsidiary channel extends up and along one side of the delivery tube.
23. A giving set cap as claimed in claim 5 wherein the connector means is provided with internal threads for attachment to a drip chamber of a giving set.
24. A giving set cap as claimed in claim 5 wherein the connector means comprises a cylindrical member having the main channel extending centrally there through the center thereof.
25. A giving set comprising a drip chamber attached to a line with a giving set cap as claimed in claim 5.
26. An infusion apparatus comprising an intravenous bag or container a giving set cap connecting said bag/container to a drip chamber having a line characterized in that the giving set cap comprises a delivery tube having a main channel for delivery fluid from the bag/container to the chamber and a subsidiary channel for the delivery of a different material to said bag/container, the cap having a first inlet for delivery of fluid from the bag/container through the main channel to the chamber, and a second inlet for the subsidiary channel, the first inlet being spaced at a sufficient distance from an outlet of the subsidiary channel to allow mixing of the different material with said fluid prior to

delivery to the chamber and the second inlet being adapted to receive a needle-less syringe.

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Cancelled)

32. (Cancelled)

33. (Previously added, now amended) A giving set cap as claimed in claim 1 further comprising connector means ~~for~~ allowing attachment of the cap to ~~one of~~ a giving set chamber.